

Popup

The `<ava-popup>` component provides a highly flexible floating container for displaying contextual content such as tooltips, menus, dropdowns, or custom overlays. It supports multiple trigger types, advanced positioning, animation, and full accessibility compliance. Use it to create interactive overlays that appear on click, hover, focus, or programmatically.

How to use

```
// app.component.html
<button aava-button (click)="isOpen = !isOpen">Toggle Popup</button>
<aava-popup [isOpen]="isOpen" (closed)="isOpen = false">
  <div style="padding: 1rem;">Hello from Popup!</div>
</aava-popup>
```

Basic Usage

- A simple popup triggered by a button click, displaying custom content.

Angular Preview Code

```
// app.component.html
<button aava-button>Top </button>
<aava-popup placement="top"><div style="padding: 1rem;">Top Placement</div>
</aava-popup>
```

Positioning

- Popup supports multiple placement options relative to the trigger element: Top Bottom Left Right Auto (smart positioning)

Angular Preview Code

```
// app.component.html
<button aava-button>Top </button>
<aava-popup placement="bottom"><button aava-button>Bottom </button>
<aava-popup placement="left"><button aava-button>Left </button>
<aava-popup placement="right"><button aava-button>Right </button>
<aava-popup placement="auto"><button aava-button>Auto </button>
<aava-popup>Custom Content
```

Accessibility

- Popup is fully accessible: Keyboard navigation ARIA roles and attributes
- Focus management
- Dismiss on Escape API Reference

Inputs

- isOpen** boolean false Whether the popup is open
- trigger** 'click' | 'hover' | 'focus' | 'manual'
- click** Trigger type for showing the popup
- placement** 'top' | 'bottom' | 'left' | 'right' | 'auto'
- bottom** Popup placement relative to trigger
- offset** number 8 Offset distance from trigger (px)
- closeOnClickOutside** boolean true Close popup when clicking outside
- closeOnEscape** boolean true Close popup on Escape key
- disabled** boolean false Disable the popup

Backdrop

- backdrop** boolean false Show a backdrop behind the popup
- zIndex** number 1000 z-index for popup layering
- animation** 'fade' | 'scale' | 'none'
- fade** Animation style for popup

Container Class

- containerClass** string "Custom CSS class for popup container"

Container Style

- containerStyle** Record<string, string> {} Custom styles for popup container

Outputs

- Event Type** Description
- opened** EventEmitter<void> Emitted when popup is opened
- closed** EventEmitter<void> Emitted when popup is closed
- positioned** EventEmitter<string> Emitted when popup is positioned

Methods

- Method Parameters** Description
- open()** void Open the popup programmatically
- close()** void Close the popup programmatically
- toggle()** void Toggle popup open/close state
- reposition()** void Recalculate popup position

CSS Custom Properties

- popup-background** Background color of the popup
- popup-border-radius** Border radius of the popup
- popup-box-shadow** Box shadow for the popup
- popup-z-index** z-index for popup layering
- popup-animation-duration** Duration of the popup animation
- popup-arrow-size** Size of the popup arrow (if present)
- popup-arrow-color** Color of the popup arrow
- popup-backdrop-background** Background color for the backdrop

Accessibility Guidelines

- Keyboard Navigation** : Tab, Shift+Tab, Escape to close
- ARIA Roles** : role="dialog" or role="tooltip" as appropriate
- Focus Management** : Focus is trapped within popup when open
- Dismissal** : Popup closes on Escape or outside click

Screen Reader Support : Popup content is announced

Best Practices

- Use the appropriate trigger for your use case (click for menus, hover for tooltips)
- Always provide accessible labels and ARIA attributes
- Avoid using popups for critical information that must not be missed
- Test keyboard and screen reader interactions
- Use smart positioning to avoid clipping or overflow
- Keep popup content concise and focused

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<aava-popup [isOpen]="isOpen" (closed)="isOpen = false">
  <div style="padding: 1rem;">Hello from Popup!</div>
</aava-popup>
```

```
// app.component.html
<button aava-button>Top</button>
<aava-popup placement="top">
  <div style="padding: 1rem;">Top Placement</div>
</aava-popup>

<button aava-button>Bottom</button>
<aava-popup placement="bottom">
  <div style="padding: 1rem;">Bottom Placement</div>
</aava-popup>

<button aava-button>Left</button>
<aava-popup placement="left">
  <div style="padding: 1rem;">Left Placement</div>
</aava-popup>

<button aava-button>Right</button>
<aava-popup placement="right">
  <div style="padding: 1rem;">Right Placement</div>
</aava-popup>

<button aava-button>Auto</button>
<aava-popup placement="auto">
  <div style="padding: 1rem;">Auto Placement</div>
</aava-popup>
```

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